

## Exhibit 3

jupyter Forensic\_email\_Analysis\_Final Last Checkpoint: 12 days ago



File Edit View Run Kernel Settings Help

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File Edit View Run Kernel Settings Help

JupyterLab ▾ Python 3 (ipykernel) ○

```
[60]: # The Envelope Score is the count of True flags per row.
ZIP_PATH = r"C:\Users\ubre\Downloads\ForensicAnalysis\data\WM-JANA VOL003.zip"
df = build_exhibit_c_from_zip(ZIP_PATH, out_csv="C:\\Users\\ubre\\Downloads\\Exhibit_C_Header_Presence_Summary_FULL.csv")
print(df)
```

Exhibit C written to: C:\Users\ubre\Downloads\ForensicAnalysis\Exhibit\_C\_Header\_Presence\_Summary\_FULL.csv

	File	Level
0	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Top-level
1	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Attachment
2	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Attachment
3	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Attachment
4	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Attachment
5	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Attachment
6	WM-JANA VOL003/NATIVES/NATIVE001/WM-JANA_00002...	Attachment

	Part	MIME
0		message/rfc822 (container)
1	part-1	message/rfc822
2	part-2	message/rfc822
3	part-3	message/rfc822
4	part-4	message/rfc822
5	part-5	message/rfc822
6	Recommendation.docx	application/vnd.openxmlformats-officedocument....

	Received	X-Received	Authentication-Results	DKIM	ARC	Message-ID
0	False	False		False	False	True
1	True	False		False	False	True
2	True	False		False	False	True
3	True	False		False	False	True
4	True	False		False	False	True
5	True	False		False	False	True
6	False	False		False	False	False